

[ABSTRACT OF THE DISCLOSURE]

[Abstract]

The present invention relates to a liquid crystal display arranging an PCB module to adapt to the liquid crystal panel of the large screen and high resolution. For supplying picture signals to dual bank typed liquid crystal panel, the present invention includes a timing controller processes signals from an external device to generate driving signals. The main PCB applying the generated signals to the source driver PCB and gate driver PCB, respectively is staple-shaped. According to the present invention, in the liquid crystal panel with a dual bank typed PCB module, the source driver is partitioned into two parts and installed at the rear of the liquid crystal display module up and down to supply the picture data to the liquid crystal display module. In driving the liquid crystal panel in a double or quadruple-partitioned way, the staple-shaped main PCB 340 minimizing signal delay and distortion is used. Accordingly, such a main PCB can be well adapted for driving the liquid crystal panels with a large screen and high resolution.

[Representative figure]

Fig. 4

[Index]

Liquid crystal display, large screen, high resolution, driving circuit, PCB module,
high frequency, tolerance

RECEIVED

NOV 03 2003

Technology Center 2600